



Appln. No. 10/649,722
Reply to the Office Action of September 30, 2005

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-18. (Canceled)

Claim 19. (New) A composition, comprising:

one or more alkoxysiloxane compound which is selected from the group consisting of catenate alkoxysiloxane compounds of formula I



and cyclic siloxane compounds of formula II



wherein m is an integer ranging from 0 to 40 and n is an integer from 2 to 40, groups R are identical or different and each is a hydrocarbon-functional group selected from the group consisting of vinyl, allyl, phenyl, n-alkyl, iso-alkyl, and cyclo-alkyl having from 1 to 18 carbon atoms or is an alkoxy group, wherein not more than one hydrocarbon-functional group is attached to each silicon atom, and a crosslinkable polymer.

Claim 20. (New) The composition as claimed in claim 19, which further comprises



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at least one monomeric alkoxysilane.

Claim 21. (New) The composition as claimed in claim 20, wherein the monomeric alkoxysilane is at least one alkoxysilane selected from the group consisting of isobutyltriethoxysilane and hexadecyltrimethoxysilane.

Claim 22. (New) The composition as claimed in claim 19, wherein the crosslinkable polymer is selected from the group consisting of random

- ethylene/vinyltrimethoxysilane copolymer or ethylene/vinyltriethoxysilane copolymer,
- ethylene/alkylene copolymer having vinyltrimethoxysilane or vinyltriethoxysilane grafted thereon,
- ethylene/n-octene/vinyltrimethoxysilane terpolymer or ethylene/n-octene/vinyltriethoxysilane terpolymers,
- ethylene/(meth)acryloyloxytrialkoxysilane copolymers,
- silane-terminated polyurethane,
- a silane-terminated polyether,
- a polyether based on polybutylene oxide, and
- crosslinkable filled flame-retardant compound.

Claim 23. (New) The composition as claimed in claim 19, wherein the composition

comprises at least one of an n-propylalkoxysiloxane or a vinylalkoxysiloxane.

Claim 24. (New) The composition as claimed in claim 19, wherein the alkoxy siloxane composition is prepared by the condensation of an alkyltrialkoxysilane or aryltrialkoxysilane in the presence of an alcohol.

Claim 25. (New) The composition as claimed in claim 19, wherein at least one methoxy group or ethoxy group is bonded to each silicon atom in formula I and formula II.

Claim 26. (New) The composition as claimed in claim 19, which comprises a catenate alkoxy siloxane and a cyclic siloxane.

Claim 27. (New) The composition as claimed in claim 19, comprising vinyltrimethoxysiloxane.

Claim 28. (New) The composition as claimed in claim 19, further comprising at least one of a filler, a crosslinker, an adhesion promoter or a catalyst.

Claim 29. (New) The composition as claimed in claim 19, comprising 100 parts of the crosslinkable polymer, 250 parts of a filler, 70 parts of a plasticizer, 20 parts of a rheology

modifier, 1 part of a crosslinking catalyst, 3 parts of one or more alkoxysiloxanes and 2 parts of a silane adhesion promoter.

Claim 30. (New) The composition as claimed in claim 19, wherein the alkoxysiloxane has a volatility less than the volatility of vinyltrimethoxysilane.

Claim 31. (New) The composition as claimed in claim 19, further comprising vinyltrimethoxysilane.

Claim 32. (New) A crosslinked polymer composition obtained by crosslinking the composition of claim 19.

Claim 33. (New) In a composition comprising at least one crosslinkable polymer and at least one crosslinking catalyst, wherein the improvement comprises:

an alkoxysilane mixture comprising one or more catenate alkoxysiloxane compounds of formula I



and one or more cyclic siloxane compounds of formula II



wherein m is an integer ranging from 0 to 40 and n is an integer ranging from 2 to 40,

groups R are identical or different and each is a hydrocarbon-functional group selected from the group consisting of vinyl, allyl, phenyl, n-alkyl, iso-alkyl, and cyclo-alkyl having from 1 to 18 carbon atoms or is an alkoxy group, wherein not more than one hydrocarbon-functional group is attached to each silicon atom, each being present in an amount effective for drying or retarding procuring in said composition.

Claim 34. (New) A method for preparing the composition of claim 19, comprising:

mixing one or more catenate alkoxy siloxane compounds of formula I



and one or more cyclic siloxane compounds of formula II



wherein m is an integer ranging from 0 to 40 and n is an integer ranging from 2 to 40, groups R are identical or different and each is a hydrocarbon-functional group selected from the group consisting of vinyl, allyl, phenyl, n-alkyl, iso-alkyl, and cyclo-alkyl having from 1 to 18 carbon atoms or is an alkoxy group, wherein not more than one hydrocarbon-functional group is attached to each silicon atom, with one or more crosslinkable polymers.

Claim 35. (New) A method, comprising:

crosslinking the crosslinkable polymer composition of claim 19 in the presence of a catalyst.